

YAROSLAVTSEV, I-N.

AUTHOR: See Table of Contents Call Nr: AF 1133946

TITLE: Use of Solar Energy (Ispol'zovaniye solnechnoy energii),
Volume I (Sbornik 1)

PUB.DATA: Izdatel'stvo Akademii nauk SSSR, Moscow, 1957, 247 pp.,
3200 copies

ORIG.AGENCY: Akademiya nauk SSSR. Energeticheskiy institut im.
G.M. Krzhizhanovskogo. Geliotekhnicheskaya laboratoriya.

EDITORS: Ed. in Chief: Baum, V. A., Prof., Doctor of Tech.
Sciences; Ed. of Publishing House: Bogoslovskiy, B. B.;
Tech. Ed.: Prusakova, T. A.

PURPOSE: The book is the first attempt to assemble data gathered
from laboratory experiments on heliotechnology.

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Use of Solar Energy (Cont.)

Call Nr: AF 1133946

COVERAGE: The work is a collection of articles on various subjects dealing with solar energy. The book deals with Russian contributions. For bibliographic references and personalities see the Table of Contents.

TABLE OF CONTENTS

Foreword: The Heliotechnical Laboratory of the Institute of Power Engineering im. G. M. Krzhizhanovskiy, Academy of Sciences, has for many years been conducting research on the use of solar energy, the design of new solar installations, and the most practical uses for solar energy in many regions. The foreword, which gives a running commentary on each article published in the book, points out that, with the exception of Veynberg, V. B. and Yaroslavtsev, I. P.; all authors are staff members of the Heliotechnical Laboratory of the Institute of Power Engineering.

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Card 2/8

Use of Solar Energy (Cont.)

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Baum, V. A. Possible Utilization of Solar Energy

7

There are 22 references, 10 of which are USSR, 9 English, 1 French, 1 Italian, 1 Indian; 2 tables and 4 photographs are included.

Yaroslavtsev, I. N. Variations in Total Heat from Sun and Sky Radiations and the Time Distribution of Solar Radiation Energy for Tashkent.

24

All 5 references are USSR; 10 tables are included.

Veynberg, V. B. The Coefficient of Intercepting Radiation Reflected From Parabolocylindrical and Paraboloid Mirrors by a Receiver.

32

There are no references; 6 figures are included.

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Use of Solar Energy (Cont.)

Veynberg, V. B. Spectral Characteristics of Sun Radiation
Receivers.

41

There are 14 references, 11 of which are USSR, 2 English, and 1 a translation from English; 3 figures and 2 tables are included. The personalities mentioned are Lazarev, D.N., and Kuznetsov, N. P.

Garf, B. A., Borozdina, M. S., Rekant, N. B. Study of Reflecting
Surfaces of Solar Installations

49

Of a total of 6 references, 4 are USSR, 1 English, 1 Japanese. There are 6 figures and 8 tables. The personalities mentioned are: Savinov, Yanishevskiy, and Gurevich; the facilities referred to are: the Chemical Laboratory of the Plant Im. Yablochkov, the Glass Works of the Konstantinovskiy Plant, the Glass Manufacturing Plant in Proletarsk (Voroshilovgradskaya o.), the Glass Works in Tallinn (Eston-skaya SSR), and the Leningrad Polytechnic Institute.

Garf, B. A. Rotation Mechanisms of Mobile Solar Installations

62

There are no references; 26 figures are included.

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Use of Solar Energy (Cont.)

Call Nr: AF 1133946

Aparisi, R. R., Baum, V. A., Garf, B. A. Large-Capacity Solar Installations

85

There are 2 USSR references and 9 figures

Markov, G. I. Technological Characteristics in the Construction of Ferro-concrete Paraboloid Mirrored Reflectors for Helio Installations and Some Indicators of Their Work

99

The personalities mentioned are: Molero, F., Maksutov, D.D., Poyarkov, S. G., and Rekant, N. B. There are no references; 10 figures are included.

Kozlov, B. K., Bogdanov, F. F., Kolos, Ya.G. and Markov, G. I. Thermotechnical Studies of a Solar Paraboloid Installation for Steam Production.

110

There are no references; 6 figures are included.

Card 5/8

Use of Solar Energy (Cont.)

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- Brdlik, P. M. Testing a Solar Refrigerator 118
The All-Union Scientific Research Institute of the Refrigerating Industry is mentioned. There are no references; 2 figures are included.
- Shchegolev, D. M. Heating Buildings by Means of Solar Energy 124
Of a total of 10 references, 4 are USSR, 6 English.
- Brdlik, P. M. Testing and Rating Solar Distillers 136
Of a total of 8 references, 5 are USSR, 2 English, 1 German; 10 figures and 3 tables are included.
- Aparisi, R. R. Experimental Installation Generating High Temperatures 151
Of a total of 6 references, 1 is USSR, 2 are French, 1 English, 1 a translation from English, 1 a translation from German, 14 figures are included.

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Call Nr: AF 1133946

Use of Solar Energy (Cont.)

Garf, B. A. Small Solar Cooking Installation 163

There are no references; 6 figures are included.

Garf, B. A. and Khuntsariya, R. K. Parabol-cylindrical Water-Boiling Installation of 40-Liter-per-Hour Capacity 172

There are no references; 2 figures are included.

Petukhov, B. V. Method of Rating Solar Water Heaters 177

Of a total of 10 references, 9 are USSR; 1 a translation from English; 23 figures are included.

Markov, G. I. and Rekant, N. B. Testing Solar Water Heaters in Tashkent in 1952 and 1953 202

There are 2 USSR references; 10 figures are included.

Card 7/8

Call Nr: AF 113946

Use of Solar Energy (Cont.)

Markov, G. I. Coefficient of Darkening of Direct Solar Radiation by the Glass Cover of a Helio Receiver and the Quantity of Direct Solar Radiation Falling on the Receiver

210

All 4 references are USSR, 3 figures are included.

Poyarkov, S. G. Technical and Economic Indicators of Solar Installations

214

There are no references; 11 tables are included.

Ismailova, A. A. Possibilities of Utilizing Solar Energy for Fruit and Vegetable Drying.

All 5 references are USSR; 12 figures are included.

Card 8/8

YAROSLAVTSEV, I.N.

YAROSLAVTSEV, I.N.

Variations in the total heat from solar and cloud radiation and
the energy distribution of these radiations in Tashkent time.
Ispol'.soln.energ. no.1:24-31 '57. (MIRA 10:11)
(Solar radiation)

YAROSLAVTSEV, I.N.

Monthly and annual variations in the amount of heat radiation
from the sun, the sky, and the earth, Trudy Tashk. geofiz. obser.
no.13:211-217 '57.

(Solar radiation)

(MIRA 10:8)

YAROSLAVTSEV, I.N.

Active temperature totals. Meteor.i gidrol. no.12:29-30 D '62.

(MIRA 15:12)

1. Sel'skokhozyaystvennyy institut, g. Ryazan'.
(Tashkent region--Temperature)

YAROSLAVTSEV, K.V.; MIKHALOVSKAYA, L.O.

Determining the crease resistance of a pile. Standartizatsia 27
no.9:40 S '63. (MIRA 16:10)

SOLOV'YEV, A.N.; EYGES, Ye.G.; YAROSLAVTSEV, K.V.; FILATOVA, O.A.

Determination of the thickness of fibers and threads by the
"tex" system. Standartizatsiya 27 no.12:50-52 D '63.

(MIRA 17:4)

YAROSLAVTSEV, K.V.; MIKHALOVSKAYA, L.O., starshiy nauchnyy sotrudnik

New method for determining the crease resistance of pile. Tekst.
prom. 24 no.4:68-69 Ap '64. (MIRA 17:6)

1. Rukovoditel' laboratorii materialovedeniya i standartizatsii
TSentral'nogo nauchno-issledovatel'skogo instituta shelkovoy
promyshlennosti (for Yaroslavtsev). 2. Tsentral'nyy nauchno-
issledovatel'skiy institut shelkovoy promyshlennosti (for Mikhalov-
skaya).

SELYUK, Ye.M.; KOSHCHYEYEV, A.N.; VAYSBAND, V.B.; YAROSLAVTSEV, N.A.

Comparative evaluation of instrumental methods of observations
on waves of reservoirs and lakes. Trudy GGI no.113:5-35 '64.
(MIRA 17:11)

YAROSLAVTSEV, N.A.

Sediment dynamics of the shore zone of the Gorkiy Reservoir.
Sbor. rab. po gidrol. no. 4:84-118 '64. (MIRA 19:1)

1. Volzhskaya gidrometeorologicheskaya observatoriya.

MOROZOVSKAYA, I.S., kand. tekhn. nauk; YAROSLAVTSEVA, K.V.,
red.; MINKOVA, A.M., red.

[Modern methods and instruments for evaluating the quality
of fabrics] Sovremennye metody i pribory dlia otsenki ka-
chestva tkanei. Moskva, 1963. 75 p. (MIRA 17:9)

1. Moscow. Tsentral'nyy institut nauchno-tekhnicheskoy in-
formatsii legkoy promyshlennosti.

BURAYEV, B.K., inzh.; YAROSLAVTSEVA, L.M., inzh.

Industrial testing of 191-A-SE and 167-A-SE separators.
Met. i gornorud. prom. no.4:53-55 J1-Ag '63. (MIRA 16:11)

1. Rudoispytatel'naya stantsiya Novo-Krivorozhskogo gorno-
obogatitel'nogo kombinata imeni Leninskogo komsomola.

AUTHOR:

Yaroslavtsev, M. (Kamensk-Ural'skiy)

107-58-7-39/43

TITLE:

Cable Connection (Vkl'yucheniye kabel'ya)

PERIODICAL:

Radio, 1958, Nr 7, p 58 (USSR)

ABSTRACT:

When the "Ekran" or "Luch" television sets are used for long-distance reception a pre-amplifier is used. In the coaxial lead from this attachment to the set the sleeving is insulated from the plug and this causes oscillation and a faint amplification respectively in the set when the cable is plugged in or unplugged. The defect can be eliminated by connecting the sleeving with the body of the plug by a suitable length of wire.

1. Television receivers--Performance
2. Television receivers
- Equipment
3. Preamplifiers--Wiring factors

Card 1/1

POKROVSKAYA, V.A., assistant, YAROSLAVTSEY, E.E., prof.

Development of Romanov sheep in several places. Sbor.nauch.
trud. Ivan.sel'khoz.inst. no.16:151-157 '58. (MIRA 13:11)

1. Kafedra chastnoy zootekhniki Ivanovskogo sel'skokhozyaystvennogo
instituta (for Pokrovskaya).
(Sheep breeds)

YAROSLAVTSEV, S., ekonomist.

Manufacturing plywood in a logging camp. Sel', stroi. 15 no.1:18-19
Ja '61. (Kaluza Province—Plywood) (MIRA 14:3)

YAROSLAVTSEV, S. A.

YAROSLAVTSEV, S. A.: "The therapeutic and diagnostic significance of blockade using the Lorin-Epstein method in acute kidney pain." Min Health RSFSR. Ivanovo State Medical Inst. Ivanovo, 1956. (Dissertation For the Degree of Candidate in Medical Sciences.)

Knizhnaya letopis', No. 39, 1956. Moscow.

YAROSLAVTSEV S.A.

USSR/Human and Animal Physiology. Excretion

T-7

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 65337

Author : ~~Yaroslavtsev S.A.~~

Inst : Ivanovo Medical Institute

Title : The Effect of Novocaine Blockade of the Spermatic Cord on the
Interceptive Reflexes from the Rectum to the Kidneys

Orig Pub : Sb. nauchn. tr. Ivanovsk. med. in-ta, 1957, Vyp. 12, 218-223

Abstract : Novocaine blockade of the spermatic cord in dogs with separately exteriorized ureters increased the inhibition of diuresis caused by stretching the rectum on the side of the blockade. Apparently the blockade interrupts the arc of the visero-visceral reflex between the upper urinary tracts and the spermatic cord.

Card : 1/1

YAROSLAVTSEV, S. A.

LEBEDEV, A.A.; YAROSLAVTSEV, S.A.

A model for the study of kidney function in an experiment involving surgical preparation. Urologiia 22 no.2:38-39 Mr-Apr '57. (MLRA 10:7)

1. Iz kafedry farmakologii (zav. - dotsent G.M.Shpuga) i kafedry fakul'tetskoy khirurgii (zav. - prof. M.A.Blagoveshchenskiy) Ivanovskogo meditsinskogo instituta.

(KIDNEYS, funct. tests
in chronic exper. in dogs)

YAROSLAVTSEV, S.A.

Therapeutic and diagnostic role of novocaine blocks for the spermatic cord on the ligamentum teres uteri in renal colic. Urologiya 22 no.4: 3-7 J1-Ag '57. (MIRA 10:10)

1. Iz kafedry fakul'tetskoy khirurgii (zav. - prof. M.A.Blagoveshchenskiy) i kafedry farmakologii (zav. - dotsent G.M.Shpuga) Ivanovskogo meditsinskogo instituta.

(URINARY TRACT, calculi,

causing renal colic, diag. & ther. role of procaine blocks of spermatic cord & ligamentum teres uteri (Rus))

(ANESTHESIA, REGIONAL, in various diseases,

procaine block of spermatic cord & ligamentum teres uteri in renal colic, diag. & ther. values (Rus))

(PROCAINE,

blocks of spermatic cord & ligamentum teres uteri in renal colic, diag. & ther. values (Rus))

YAROSLAVTSEV, S.A., kand.med.nauk

Clinical aspects and treatment of acute strumitis and thyroiditis.
Khirurgiia no.11:78-81 '61. (MIRA 14:12)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - prof. M.A.
Blagoveshchenskiy) Ivanovskogo meditsinskogo instituta.
(THYROID GLAND--DISEASES) (GOITER)

YAROSLAVTSEV, B.A.

Correlation of Kandinsky-Klerambault syndrome with the catatonic
syndrome. Zhur. nev. i psikh. 65 no.10:1533-1536 '65.

(MIRA 18:10)

3. Kafedra psikiatrii (zaveduyushchiy - prof. A.M. Knaletskiy)
Petrakhanskogo meditsinskogo instituta im. A.V. Lunacharskogo.

* YAROSLAVTSEV S.M.

USSR / Human and Animal Morphology (Normal and
Pathological). Methods and the Technique
of Investigation.

S-1

Abs Jour: Ref Zhur-Biol., No 10, 1958, 45477

Author : Yaroslavtsev, S.M.

Inst : Kirghiz Medical Institute

Title : A Simple Universal Apparatus for the Embalming of
Corpses and for the Infusion of the Vascular
System.

Orig Pub: Tr. Kirg. med. in-ta 1956, 8, 46-47.

Abstract: The apparatus consists of a tank of 10-liter
capacity (for the infusion of two corpses) with a
hermetically sealed lid, a manometer and an open-
ing to fill up the tank with a fixative solution,
a screw for the air escape, and a water gage. The
screw is joined to a pump. Under the tank, there is

Card 1/2

YAROSLAVTSEV, V.L.

Stomach secretion during the action of Kuka health resort
mineral water. Vop.kur., fizioter.i lech.fiz.kul't. 27 no.3:224-
229 My-Je '62. (MIRA 15:9)

1. Iz kafedry normal'noy fiziologii (zav. - prof. A.I.Nikitin)
Irkutskogo meditsinskogo instituta.
(KUKA (CHITA PROVINCE)--MINERAL WATERS) (STOMACH--SECRECTIONS)

L 20780-66 EWP(k)/EWT(d)/EWT(m)/EWA(d)/EWP(l)/EWP(v)/EWP(t)/EWP(l.) MJH/JD
 AGC NR: AP6005563 SOURCE CODE: UR/0122/65/000/010/0063/0066

AUTHORS: Podurayev, V. N. (Candidate of technical sciences); Suvorov, A. A. 44
 (Engineer); Yaroslavtsev, V. M. (Engineer) 38

ORG: none 13

TITLE: Machining of threads in stainless and heat resistant steels by vibrational and impact-impulse methods

SOURCE: Vestnik mashinostroyeniya, no. 10, 1965, 63-66
 steel,

TOPIC TAGS: 1 threading machine, metalworking, metalworking machinery/ 4Kh12N8G8MFB
 steel, R18F2M threading machine 16

ABSTRACT: To improve thread cutting in stainless and heat resistant steels, vibrational and impact-impulse thread cutting tools have been developed at MVTU imeni Baumann. The operation of an electrohydraulic rotational vibrator (A. A. Suvorov and V. I. Yudin, Gidravlicheskiye ustroystvo dlya slozhnogo dvizheniya. Byulleten' izobreteniy, 1961, No. 22) is discussed, and experimental results for cutting M8 x 1.25 nuts out of 4Kh12N8G8MFB steel, using a R18F2M tool under 17 14

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UDC: 621.99:621.9.048.6 2

L 20780-66

ACC NR: AP6005563

various operating conditions, are graphically presented. A simpler impact-impulse device which generates two impacts per revolution was also developed and is shown in Figures 1 and 2. The operation of this device is discussed in detail, and

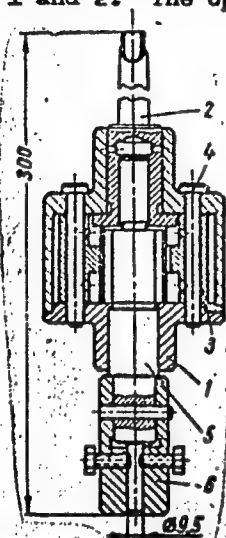


Fig. 1. Impact tool: 1 - body; 2 - shank; 3 - hammer; 4 - pin; 5 - driven shaft; 6 - tool holder.

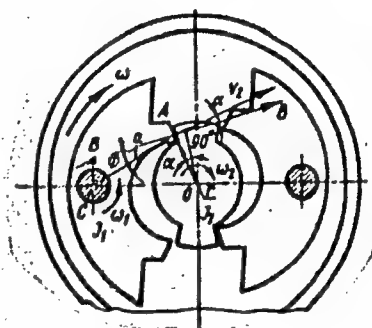


Fig. 2. Section of impact tool: A - impact point.

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ACC NR: AP6005563

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operating equations are derived. Tests performed on 4 types of steel (1Kh18N9T, 2Kh13, 38Kh, and EI654) indicate that, under correct operating conditions, tool life is increased 3--3.5 times using the impact thread cutting method. Engineer N. M. Demin participated in the experiments. Orig. art. has: 7 figures, 2 tables, and 16 formulas.

SUB CODE: 13/ SUBM DATE: none/ ORIG REF: 001

Card 3/3

YAROSLAVTSEV, V.N.

Technical and economic evaluation of building methods and the
constructions of large glass reinforced plastic objects.
Sudostroenie no.8:51-53 Ag '65. (MIRA 18:9)

YAROSLAVTSEV, V.N.

Method for determining the expenditures of raw materials in the
production of glass-reinforced plastics and the character of
their change on varying the composition of their constituents.
Trudy LIEI no. 46:51-57 '63. (MIRA 17:6)

KHOROSHAVIN, S.S., inzh.; YAROSLAVTSEV, V.P., inzh.

Topographic radio X-band altimeter. Trudy TSNIIS no.49:180-
192 '63. (MIRA 16:9)

22093

Yaroslavl'tsev, Yu. P. Mikroflora i rastnaya penitsillinoterapiya klenicheskikh
gnoymikh otitey. V sb: Penitsillinoterapiya K., 1946, s. 253-55.

SO: Ietopis' Zhurnal'nykh Statey, No. 10, Moskva, 1946.

YAROSLAVTSEV, Yu.K.

Local application of a streptomycin solution in the treatment
of chronic suppurative otitis media. Vest.oto-rin. 16 no.1:35-40
Ja-P '54. (MLRA 7:3)

1. Iz kliniki bolezney ukha, gorla i nosa I Moskovskogo ordena Lenina
meditsinskogo instituta (zaveduyushchiy - professor A.G.Likhachev).
(Streptomycin) (Ear--Diseases)

YAROSLAVTSEV, Yu. K.

"Local Application of Penicillin and Streptomycin During Chronic Suppurating Otitis Media and the Role of the Microflora in the Pathogenesis of This Disease." Cand Med Sci, First Moscow Order of Lenin Medical Inst, Moscow, 1955. (KL, No 14, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

YAROSLAVTSEV, Yu.K., kand.med.nauk (Moskva)

Modern methods for treating acute otitis media. Fel'd. 1
akush. 27 no.2:26-30 F '62. (MIRA 15:3)
(EAR—DISEASES)

YAROSLAVTSEV, Yu.K., kand.med.nauk

Compound treatment of acute otitis media. Vest. otorin. 25 no.5:
58-63 S-O '63. (MIRA 17:4)

1. Iz kliniki bolezney ukha, nosa i gorla (dir. - zasluzhennyy
deyatel' nauki prof. A.G.Likhachev) I Moskovskogo ordena Lenina
meditsinskogo instituta imeni Sechenova.

YAROSLAVTSEVA, G.K. (Tbilisi)

Replantation of teeth. Stomatologiya 42 no.2:97-98 Mr-Apr'63
(MIRA17:3)

NYANKOVSKAYA, R.N.; GUSEVA, A.D.; YAROSLAVTSEVA, I.A.; KALINKINA, I.F.;
MAZILOVA, N.V.

Quaternary reciprocal system consisting of fluorides, bromides,
and carbonates of sodium and potassium. Zhur.neorg.khim. 8 no.1:
192-201 Ja '63. (MIRA 16:5)

1. Yaroslavskiy gosudarstvennyy pedagogicheskiy institut
imeni K.D.Ushinskogo.
(Alkali metals halides) (Alkali metal carbonates)
(Systems (Chemistry))

MIKHAYLOV, V.P. (Leningrad, 22, Kirovskiy prosp., d.69/71, kv.36);
YAROSLAVTSEVA, K.M.

Posttraumatic regeneration of the uterine epithelium in the
rabbit in radiation sickness. Arkh.anat.gist.1 embr. 37
no.8:59-70 Ag '59. (MIRA 12:11)

1. Morfologicheskaya laboratoriya (zav. - prof.V.P.Mikhaylov)
otdela radiobiologii (zav. - prof.S.Ya.Arbusov) Instituta
eksperimental'noy meditsiny AMN SSSR. Adres Yaroslavtseva:
Leningrad, 22, Kirovskiy prosp., d.69/71, Institut eksperimen-
tal'noy meditsiny AMN SSSR. Morfologicheskaya laboratoriya.

(RADIATION INJURY exper)
(UTERUS physiol)
(REGENERATION radiation eff)

YAKOVLEVA, Z.O.; YAROSLAVTSEVA, L.D.

Technological and chemical characteristics and nutritional value
of various Atlantic fishes. Khar. prom. no.1:37-39 Ja-Mr '65.

(MIRA 18:4)

YAKOVLEVA, Z.O.; YAROSLAVTSEVA, L.D.

Canning and cocking of the Indian and Pacific Ocean variety of
spotted tuna (*Euthunnus affinis*). Khar. prom. no.2:45-47 Ap-
Je '65. (MIRA 18:5)

PYATNITSKIY, V.K.; YAROSLAVTSEVA, L.M.

Calculation of the depth of occurrence and the magnetization of disturbing
bodies based on T curves. Trudy SNIIGGIMS no.26:160-166 '62.

(MIRA 16:3)

(Magnetic prospecting)

(Curves)

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S/241/62/000/011/004/005
B144/B186

AUTHORS: Berkutov, A. N., Korchanov, L. S., Yaroslavtseva, N. A.,
Bochagova, D. I.

TITLE: Substitution therapy at the peak of radiation sickness

PERIODICAL: Meditsinskaya radiologiya, no. 11, 1962, 59 - 65

TEXT: The effect of direct blood transfusions on radiation sickness was studied in order to improve the therapy of radiation sickness combined with traumatic or thermal damage. Ten dogs were whole-body irradiated with 350 r (6.3 r/min) and 5 of them were additionally treated with antibiotics. Mobility, food absorption, pulse, respiration, temperature, weight, etc. were observed, ECG's were taken, complete blood counts were made and hemoglobin and prothrombin levels, coagulation time, general protein content, protein fractions, phagocytic activity, and bactericidity of the blood were determined. As soon as the number of leucocytes dropped below 1500 - 1000 per ml, a direct blood transfusion of ~150 ml with minute additions of heparin was made and repeated 3 - 4 times at intervals of 2 - 3 days. All 10 dogs survived whereas 4 of the 5 controls died. The radiation-induced reduction in the phagocytic activity of the leucocytes was

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Substitution therapy at the peak of...

successfully influenced by direct transfusions, reaching supernormal values (+20 %) after 4 weeks; in the controls a minimum of only 7 % of the initial value was observed after 5 weeks and the initial value was regained after 10 weeks. Antibiotica slightly reduced the phagocytosis. The bactericidity of the blood was evaluated on the basis of the properdin titer in the serum, which hardly changed in the test animals whereas it dropped sharply in the control, becoming nondeterminable after ~2 weeks. The experiments prove that direct blood transfusions are a potent means of mitigating and healing radiation sickness. There are 3 figures. The most important English-language reference is: D. K. Sorenson, V. P. Bond, E. P. Cronkite, Radiat. Res., 1960, v. 13, p. 669. X

ASSOCIATION: Kafedra voyenno-polevoy khirurgii Voyenno-meditsinskoy ordena Lenina akademii imeni S. M. Kirova (Department of Field Surgery of the "Order of Lenin" Military Medical Academy imeni S. M. Kirov) (Professor A. N. Berkutov, Major-general of the Medical Service, Chairman of Department)

SUBMITTED: February 25, 1962

Card 2/2

YAROSLAVTSEVA, N. A.

"The Complex Reflectory Phase of Gastric Secretion in Dogs with normal and Functionally Weakened Conditions of the Brain ~~via~~ following whole body X-irradiation."

Changes in the secretion of gastric glands and their extent and duration depend upon the type of higher nervous activity. X-irradiation of dogs with weakened brain function depresses the activity of higher nervous regions. Radiation sickness produces changes in the protein metabolism of gastric secretory cells.

candidate dissertation listed in Meditainskaya radiologiya, no. 7, 1964. The article did not state specifically what degree was awarded. The annotated titles deal with studies on radiation physiology, radiation biochemistry, combined trauma and the influence of radiation on regenerative processes, radiation microbiology and immunology, and radiation pharmacology.

KURTSIN, I.T.; YAROSLAVTSEVA, N.A.

Participation of the nervous system in the mechanism of the action of adrenocorticotrophic hormone on gastric glands. Nauch.sob. Inst.fiziol. AN SSSR no.3:83-87 '65.

Participation of the nervous system in the mechanism of the effect of cortisone on gastric glands. Ibid.:88-91

(MIRA 18:5)

1. Laboratoriya kortiko-vizeral'noy fiziologii i patologii (zav. - I.T.Kurtsin) Instituta fiziologii imeni Pavlova AN SSSR.

YAROSLAVTSEVA, O. P.

Yaroslavtseva, O. P. - "On the nutritive stimulation and summatic reflex," Trudy fiziol. laboratoriy im. Pavlova, Vol. XV, 1949, p. 17-22

SO: U-4355, 14 August 53, (Letopis 'Zhurnal 'nykh Statey, No. 15, 1949.)

YAROSLAVTSEVA, O. P.

Yaroslavtseva, O. P. - "Changes in the movement of unlimited saliva under the influence of positive irritants," Trudy fiziol. laboratoriy im. Pavlova, Vol. XV, 1949, p. 23-29, - Bibliog: 14 items

SO: U-4355, 14 August 53, (Letopis 'Zhurnal 'nykh Statey, No. 15, 1949.)

YAROSLAVTSEVA, G. P.

Kupalov, P. S. and Yaroslavtseva, G. P. - "The possibility of the formation of an approximate reaction on the functional condition of the cortices of the large hemispheres," Trudy fiziol. laboratoriy im. Pavlova, Vol. XV, 1949, p. 53-63

SO: U-4355, 14 August 53, (Letopis 'Zhurnal 'nykh Statey, No. 15, 1949)

YAROSLAVTSEVA, C. P.

Kupalov, P. S. and Yaroslavtseva, C. P. - "The strengthening of the conditional irritants by a positive irritant of another reflex," Trudy fiziol. laboratoriy in. Pavlova, Vol. XV, 1949, p. 64-79, - Bibliog: 5 items

SO: U-4355, 14 August 53, (Letopis 'Zhurnal 'nykh Statey, No. 15, 1949)

YAROSLAVTSEVA, O. P.

Yaroslavtseva, O. P. - "Emetic reaction during the introduction of water into the mouth of a dog," Trudy fiziol. laboratoriy im. Pavlova, Vol. XV, 1949, p. 328-31

SO: U-4355, 14 August 53, (Letopis 'Zhurnal 'nykh Statey, No. 15, 1949.)

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962210013-6

High Effect of Economic and Political of the course of the US-

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962210013-6"

YAROSLAVTSEVA, O.P.

Effect of prolonged exposure to low-intensity ionizing radiations on the course of conditioned and unconditioned reflexes [with summary in English]. Zhur.vys.nerv.deiat. 8 no.5:665-671 8-0 '58 (MIRA 12:1)

1. Fiziologicheskii otdel im. I.P. Pavlova Instituta eksperimental'noy meditsiny im. I.P. Pavlova AMN SSSR.

(X RAYS, effects

on conditioned & unconditioned reflexes in dogs,
low intensity prolonged exposures (Rus))

(REFLEX,

unconditioned, eff. of low intensity prolonged x-irradiation (Rus))

(REFLEX, CONDITIONED,

eff. of low intensity prolonged x-irradiation (Rus))

YAROSLAVTSEVA, O.P.

Petr Stepanovich Kupalov; on his 70th birthday. Zhur.vys.nerv.
delat. 8 no.5:781-785 S-O '58 (MIRA 12:1)
(KUPALOV, PETR STEPANOVICH, 1888-)

YAROSLAVTSEVA, O.P.

Mechanism of excitation processes in the cortical cells of the cerebral hemispheres. Zhur. vys. nerv. deiat 10 no. 4:556-560
Jl-Ag '60. (MIRA 14:2)

1. The Pavlov Division of Physiology, Institute of Experimental Medicine, U.S.S.R. Academy of Medical Sciences, Leningrad.
(CEREBRAL CORTEX)

YAROSLAVTSEVA, T.V.

Reconditioning hard-alloy screw-cutting tools. Stan.i instr. 35 no.9:
37 S '64. (MIRA 17:10)

YAROSLAVTSEVA, Yu.V.

Complications in antabuse therapy. Kaz.med. zhur. no.1:
48-49 Ja-F'63. (MIRA 16:8)

1. Psikhiatricheskoye otdeleniye Kazan'skoy respublikanskoy
klinicheskoy bol'nitsy (glavnyy vrach - Sh.V.Bikchurin
[deceased], nauchnyy konsul'tant - prof. M.P. Andreyev).
(DISULFIDE--THERAPEUTIC USE)
(ALCOHOLISM--TREATMENT)

(1) ADD 2ND 000(8)													(2) ADD 4TH 000(8)												
PROCESS AND PROPERTIES INDEX																									
YAROSLAV TSEVY, S-A.																									
<div style="display: flex; justify-content: space-between;"> 10 10 </div>																									
<p>Catalytic reduction of citral. T. A. Kulobolitskaya and Z. A. Yaroslavl'tseva. <i>J. Applied Chem.</i> (U. S. S. R.) 10, 119-25 (in German 136) (1937). - Citral (d₄²⁰ 0.8478-0.8487, n_D²⁰ 1.4678-1.4686, α_D²⁰ 0°) with an aldehyde content of 97.5-99% (by vol.) was reduced in the presence of the catalyst (Ni 23 and Al 73%, alloy) by the shaking method at 140-5° (on an oil bath), passing 404.3-444.7 cc. of H₂ per min. for 80 min., yielding 64% of citronellal, b. 73-4°, n_D²⁰ 1.4480, d₄²⁰ 0.8830. The continuous hydrogenation of citral (the drop method) in the presence of the same catalyst at 140-44° while introducing 15 g./hr. of citral and 232.37 cc./min. of H₂, yielding 69% of citronellal. The yield of citronellal in reducing citral (10 g./hr.) by water gas (CO 38, H₂ 50, CO₂ 6 and N₂ 6%) introduced at the rate of 330 cc./min. at 160-4°, was 68%. The above catalyst was preppt. by crushing the alloy, treating it with a stream of a dil. soln. of NaOH for 2.5 hrs. and washing with water. Before its introduction in the above process, it was dried in a H₂ stream at 210-15°. Ten references. A. A. P.</p>																									
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APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962210013-6"

Yaroslavl'seva, Z.A.

SUVOROV, N.N.; YAROSLAVTSEVA, Z.A.; SOKOLOVA, L.V.; MOROZOVSKAYA, L.M.;
OVCHINNIKOVA, Zh.D.; MURASHEVA, V.S.; MEYHEL'MAN, P.Ya.; VOROB'YEV, M.A.

Synthesis of cortisone from solasodine. Med.prom. 12 no.2:7-11 P '58.
(MIRA 11:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy
institut imeni S.Ordzhonikidze.
(SOLASODINE) (CORTISONE)

SOV/79-29-9-17/76

(3)

AUTHORS:

Suvorov, N. N., Yaroslavtseva, Z. A.

TITLE:

Steroids. V. On the Selective Reduction of Pregnantrione-3,11,20 With Sodium Boron Hydride in Pyridine

PERIODICAL:

Zhurnal obshchey khimii, 1959, Vol 29, Nr 9, pp 2889-2893(USSR)

ABSTRACT:

In their synthesis of cortisone from solasodine (Ref 1) the authors obtained pregnanol-3 α -dion-11,20 (II) in the pure state, in agreement with data from publications, by the selective reduction of the carbonyl group of compound (I) with NaBH₄ in pyridine (Ref 2). This was transformed into compound (V) according to scheme 1 modified by T. Gallagher and J. Hogg (Refs 4, 5). From the benzene mother liquor solution resulting from the crystallization of the compound (V), the authors separated the crystalline compound (VI) with the empirical formula C₂₃H₃₆O₄. The bands of the infrared spectrum pointed to a hydroxyl-, acetyl-, and carbonyl group. When boiling the compound (VI) with aqueous methanol solution of caustic soda, the well-known pregnandiol-3 α -20 β -on-11 (VII) is formed. Because of the easy saponification of the acetyl group in 3-position and on the basis of the hydroxyl group in 3-position determined by spectroscopic analysis, product (VI) was ascribed

Card 1/3

SOV/79-29-9-17/76

Steroids. V. On the Selective Reduction of Pregnantrione-3,11,20 With Sodium Boron Hydride in Pyridine

the structure of 20-acetate of pregnandiol-3 α ,20 β -on-11. Since acetate (VI) cannot form in the transformation process of compound (II) into (V), this acetate was assumed to form from the admixed compound (VII). The above synthesized product (II) was found to contain about 11% of the dioxy derivative (VII). It had been stated in publications (Ref 2) that while compound (VII) results from the reduction of compound (I) with NaBH₄ in alcohol, only compound (II) results when making use of pyridine as solvent. Thus, the present paper proves that this sharp selective reduction does not occur; in the reduction of compound (I) with NaBH₄ in pyridine, even with clearly insufficient reduction agent, a certain amount of compound (VII) is formed as by-product (Scheme 2). Spectroscopic examinations were made under the supervision of Yu. N. Sheynker, to whom the authors express their gratitude. There are 5 references, 1 of which is Soviet.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S. Ordzhonikidze (All-Union Scientific Chemico-pharmaceutical Research Institute imeni S. Ordzhonikidze)

Card 2/3

SOV/79-29-9-17/76

Steroids. V. On the Selective Reduction of Pregnantrione-3,11,20 With Sodium
Boron Hydride in Pyridine

SUBMITTED: July 30, 1958

Card 3/3

SUVOROV, N.N.; YAROSLAVTSEVA, Z.A.

Steroids. Part 9: Stereospecificity of the hydration of steroid
 Δ^4 -3-keto-unsaturated compounds. Zhur. ob. khim. 31 no.4:1372-
1377 Ap '61. (MIRA 14:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy
institut imeni S. Ordzhonikidze.
(Steroids)
(Hydration (Chemistry))

SUVOROV, N.N.; SOKOLOVA, L.V.; YAROSLAVTSEVA, Z.A.; OVCHINNIKOVA, Zh.D.
Murasheva, V.S.; LEYBEL'MAN, F.Ya.

Steroids. Part 15: Synthesis of cortisone-acetate from 3 -pregnane-
17 -diol-11,20-dione. Zhur. ob. khim. 31 no. 11:3715-3718 N '61.
(MIRA 14:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy
institut imeni S. Ordzhonikidze.
(Cortisone) (Pregnanediol)

YAROTSKAYA, A. YA.

Compiler of Dictionary on Trade Terms

Kratkiy russko-nemetskiy vneshnetorgovyy slovar'.
Moscow, Gosudarstvennoe Torgovoe Izdatel'stvo, 1953.
pp. 194; 15 x 12;

LXIII-1

SHALIMOV, A.A., prof. (Khar'kov, Khar'kovskaya naberezhnaya, d.7/9, kv.2)
YAROTSKAYA, E.P.

Total unilateral reflex atelectases of the lung during surgery on
bronchial asthma patients. Klin.khir. no.7:66-68 J1 '62.
(MIRA 15:9)

1. Kafedra grudnoy khirurgii i anesteziologii (zav. - prof.
A.A.Shalimov) Ukrainского instituta usovershenstvovaniya vrachey.
(LUNGS---COLLAPSE) (ASTHMA)

YAROTSKAYA, E.P.

Bronchospasm in surgery of bronchial asthma. Khirurgiya 40
no.1:73-74 Ja '64. (MIRA 17:11)

1. Kafedra grudnoy khirurgii i anesteziologii (zav. - doktor med.
nauk A.A. Shalimov) Ukrainskogo instituta usovershenstvovaniya
vrachey.

AUTHOR: Yarotskaya, N.L. (Engineer).

110-7-24/30

TITLE: Determination of the stresses in the operating rods of circuit breaker BMF-133-III at 1000 amperes.
(Opredeleniye usiliy v tyagakh vyklyuchatelya BMF-133-III na 1000 a.)

PERIODICAL: "Vestnik Elektromyshlennosti" (Journal of the Electrical Industry), Vol.28, No.7, pp.72-74 (USSR).

ABSTRACT: Work has been carried out in the Central Laboratory of the Uralelektroapparat works to determine the stresses in the porcelain operating rods of switchgear type BMF-133-III at 1000 amps by tensiometric methods. Wire strain gauges were used to determine the stresses. The work was necessary because of breakages of operating rods in service. The test procedure is described. The strain gauges were made up in the form of a bridge gummed down on paper. For the purposes of the tests the porcelain operating rod was replaced by a metallic one of the same length and weight. The strain gauges were stuck to the metal operating rod in a bridge circuit. During the tests determinations were made of the tensile and compressive stresses in the operating rod during opening and closing of the circuit breaker and also of the bending moment. In order to check

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1/3

Determination of the stresses in the operating rods of circuit breaker BMR-133-III at 1000 amperes. (Cont.)

the readings measurements were also made of stresses in spring buffers. (See Fig.3). The strain gauges were supplied at 6 V, 4000 c/s and the results were recorded on an electro-magnetic oscillograph. Stress determinations were made with voltages of 220 V and 235 V applied to the drive. The results are given in Figs. 4 and 5. They show that the stresses are much lower than those that are provided for. The bending stresses were also small. When the switchgear was incorrectly adjusted so that the reserve travel of the contact rod was less than 25 mm the contact rods strike with an impact. This often occurs on one phase only in which case the operating rod on this phase is subject to compressive stress and those on the other phases to tensile stress. Tests were made with the circuit breaker incorrectly adjusted. The results are given in Table 7 and show that very high stresses can be reached. It is concluded that it is certain that stresses in porcelain operating rods are quite safe when the circuit breaker is correctly adjusted and that fractures in service are due to incorrect adjustment. Other causes of fracture of operating rods are

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110-7-24/30

Determination of the stresses in the operating rods of circuit breaker BMΓ-133-U at 1000 amperes. (Cont.)

known. It may happen if they are maintained for a long time in humid conditions. This may cause the magnesium cement to swell which gives rise to considerable stresses in the porcelain. This can also occur when switchgear is installed in damp places or in the open air. Porcelain operating rods now use portland cement and this has made them more reliable.

There are 7 figures.

ASSOCIATION: Uralelektroapparat Works. (Zavod "Uralelektroapparat")

AVAILABLE:

Card 3/3

YAROTSKAYA, N. E.

"Comparative Data on the Microflora in the Case of Trichomonal Col-
pitis and Other Infections of Female Organs."

Tenth Conference on Parasitological Problems and Diseases with Natural
Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of
Sciences, USSR, Moscow-Leningrad, 1959.

Odessa Scientific-Research Institute of Epidemiology and Microbiology

YAROTSKAYA, N.Ya. [Yarots'ka, N.Ye.]

Antitrichomonal action of immune bovine serum under experimental conditions. Mikrobiol. zhur. 25 no.1:21-25 '63. (MIRA 17:5)

1. Odesskiy nauchno-issledovatel'skiy institut epidemiologii i mikrobiologii.

YAROTSKAYA, V.P. (Kursk, Semenovskaya ul., d.78, kv.2)

Experience with roentgenographic examination of the stomach in cancerous and precancerous conditions [with summary in English]. Vop.onk.
4 no.3:295-300 '58 (MIRA 11:8)

1. Iz kliniki fakul'tetskoy khirurgii (zav. - prof. M.G. Ruditskiy)
Kurskogo meditsinskogo instituta (dir. - prof. A.V. Savel'yev).

(STOMACH NEOPLASMS, pathology,

angiographic investigation of vasc. changes in cancer
& precancer on resected specimens (Rus))

(ANGIOGRAPHY,

gastric cancer & precancer, studies on vasc. changes
on resected specimens (Rus))

YAROTSKAYA, V. P., Cand Med Sci (diss) -- "The spread of cancer along the stomach wall outside a primary tumor (Angio-X-ray and pathomorphological investigations)". Kursk, 1960. 20 pp (Khar'kov State Med Inst), 300 copies (KL, No 15, 1960, 141)

YAROTSKIY, A.

The oldest school of technology. NTO 4 no.12:47-49 D '62.
(MIRA 16:1)

1. Zamestitel' direktora Politekhnikheskogo muzeya.
(Moscow--Industrial museums)

COMMON ELEMENTS																	COMMON VARIANTS INDEX																
1ST AND 2ND CATEGORIES																	3RD AND 4TH CATEGORIES																
YAROTSKIY, A.I.																	1114																
Effect of chronic ether narcosis on the labyrinth reflexes. A. I. Yarotskiy. Farmakol. i Toksikol. 3, No. 3, 3-11(1940).—Rabbits exposed to Et ₂ O vapor 1 hr. daily for 30 days showed no significant labyrinthine reflex changes. Strength of tonic and motor reflexes during narcosis was only slightly decreased. The disturbance in labyrinth function caused by a single 3-hr. exposure is restored to normal in about 95 min., depending on depth of narcosis. Julian F. Smith																																	
ASD-SLA METALLURGICAL LITERATURE CLASSIFICATION																	SIGN NUMBER																
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YAROTSKIY, A.I.

Characteristics of the formation of vestibular conditioned reflexes.
Zhur. vys. nerv. deiat. 4 no.3:381-386 My-Je '54. (MIRA 8:2)

1. Kafedra fiziologii Voennoy instituta fiziologicheskoy kul'tury
i sporta im. V.I.Lenina.

(REFLEX, CONDITIONED,

vestibular, mechanism of form.)

(VESTIBULAR APPARATUS, physiology,

reflex, conditioned, mechanism of form.)

YAROTSKIY, A.

Glorious victory of the Soviet people. Izv. tekhn. 4 no. 11:7-14
N '59. (MIRA 13:4)

1. Zamestitel' direktora Politekhnicheskogo muzeya po nauchnoy
rabote.

(Space stations) (Space flight to the moon)

YAROTSKIN, A. I.

AID Nr. 994-8 23 June

MEASURING AND INCREASING RESISTANCE TO VERTIGO BY A REGIME
OF RAPID HEAD MOVEMENTS (USSR)

Yarotskin, A. I. IN: Konferentsiya po metodam fiziologicheskikh issledovaniy
cheloveka. Materialy. (Materials of the conference on methods of investigat-
ing human physiology). Moskva, 1962, 207. S/926/62/000/000/004/004

The degree of body resistance to vertigo can be determined by a five-minute series of rapid head movements in various planes at a rate of 2 to 4 movements per second and by uninterrupted turning movements of the head at the rate of 2 movements per second. Studies indicate that a rapid increase in resistance to vestibular reactions and a significant decrease in the intensity of somatic vestibular reflexes (nystagmus, "falling" sensation) and involuntary vestibular reactions (changes in arterial blood pressure, salivation, nausea, vomiting) can be achieved by a ten-minute session of head-movement exercises once daily for three days. Vestibular exercises performed twice daily occasionally produce negative reactions (severe nausea, vomiting) caused by overstimulation of the vestibular analyzer. Laboratory results have been confirmed by observations obtained during experimental airplane flights. [DMP]

Card 1/1

GOLOVENKO, Nikolay Aleksandrovich; YAROTSKIY, Aleksey Samoylovich;
DMITRENKO, N.Z., red.; POLONSKIY, S.A., tekhn. red.

[Planning capital investments and unfinished construction in the
industry of the Moldavian S.S.R.] Planirovanie kapital'nykh vlo-
zhenii i nezavershennoe stroitel'stvo v promyshlennosti Moldav-
skoi SSR (po dannym 16 stroek). Kishinev, Izd-vo "Shtiintsa,"
1962. 32 p. (MIRA 15:12)

(Moldavia--Capital investments)
(Moldavia--Construction industry--Management)

YAROTSKIY, A.V.; KOCHEROV, V., red.; BABAKHANOV, A., tekhn.-red.

[Hogman and innovator; work practices of Remzi Islamov, hogman of the Akhunbabaev Collective Farm in Moskovskiy District, Andizhan Province] Svinar'-novator; opyt raboty Remzi Islamova-svinaria kolkhoza imeni Akhunbabaeva Moskovskogo raiona Andizhanskoj oblasti. Tashkent, Gos. izd-vo UzSSR, 1962. 30 p. (MIRA 16:5)

(Uzbekistan--Swine)

YAROTSKIY A.V.

YAROTSKIY, A.V.; BEL'KIND, L.O., redaktor; LARIONOV, G.Ye., tekhnicheskii redaktor.

[Pavel L'vovich Shilling] Moskva, Gos. energ. izd-vo, 1953.
128 p. (Diateli energeticheskoi tekhniki, Biograficheskaya
seriya, no.16) (MLRA 7:8)
(Shilling, Pavel L'vovich, 1786-1837)

YAROTSKIY, A.V.

[Electromagnetic telegraph, a great Russian invention] Elektromagnitnyi
telegraf - velikoe russkoe izobretenie. Moskva, Izd-vo "Znanie." 1953.
30 p. (MLBA 6:5)

(Telegraph) (Shilling, Pavel L'vovich, 1786-1837)
(Yakobi, Boris Semenovich)

YAROTSKIY, A.V.; SAMARIN, A.M., chlen-korrespondent.

New data on P.L.Shilling's activity. Izv.AN SSSR Otd.tekh.nauk no.6:
934-939 Je '53. (MLRA 6:8)

1. Akademiya nauk SSSR (for Samarin).
(Shilling, Pavel L'vovich, 1786-1837) (Telegraph)

YAROTSKIY, ANATOLIY VASIL'YEVICH

YAROTSKIY, Anatoliy Vasil'yevich, inzhener; ISLANKINA, T.F., redaktor;
ISLANKINA, P.G., redaktor.

[P.M. Golubitskii, a pioneer of the Russian telephony] P.M. Golubitskii, pioner otechestvennoi telefonii; po materialam voskresnykh chtenii Politekhnikheskogo muzeia iz tsikla "Istoriia otechestvennoi tekhniki." Moskva, Izd-vo "Znanie," 1954. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniuiu politicheskikh i nauchnykh znani. Ser. 4, no.11) (MLRA 7:7)
(Golubitskii, Pavel Mikhailovich, 1845-1911) (Telephone)

YAROTSKIY, A.V.

SERGEYCHUK, Konstantin Yakovlevich, kandidat tekhnicheskikh nauk;
YAROTSKIY, A.V., redaktor; ISLANKINA, T.V., redaktor;
DMITRIYEVA, R.V., tekhnicheskii redaktor.

[Development of telecommunication technology in the U.S.S.R.]
Razvitie tekhniki svyazi v SSSR. Moskva, Izd-vo "Znanie," 1955. 31 p.
(Vsesoiuznoe obshchestvo po rasprostraneniю politicheskikh
i nauchnykh znaniy. Ser.4, no.26) (MLRA 8:9)
(Telecommunication)

YAROTSKIY, Anatoliy Vasil'yevich; ISLANKINA, T.F., redaktor; GUBIN, M.I.,
tekhnicheskiiy redaktor

[Development of telegraphy] Razvitie telegrafii. Moskva, Izd-vo
"Znanie," 1957. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniui
politicheskikh i nauchnykh znani, Ser. 4, no.5) (MLRA 10:3)
(Telegraph)

YAROTSKIY, A.V.

105-8-14/20

AUTHOR
TITLE

YAROTSKIY A.V., Eng.

On the Occasion of the 125 th Anniversary of the Public Demonstration of P.L.Schilling's Telegraph.

(K 125-letiyu pervoy publichnoy demonstratsii telegrafa P.L.Shillinga - Russian)

PERIODICAL

Elektrichestvo , 1957, Nr 8, pp 62 - 67 (U.S.S.R.)

ABSTRACT

P.L.Schilling was the first to indicate a way how the idea of an electromagnetic telegraph might be realized in the form of devices that can be used in practice. P.Schilling was born on April 16th, 1768, in Reval (Tallin) as the son of an officer. In 1803 he finished the military academy and became an officer of the General Staff. In 1803 he moved to Munich and worked as interpreter of the Russian legation. He participated in the campaign 1812; in 1816 he organized the first lithography in Russia. He became an Oriental scholar and as such he was appointed a corresponding member of the St.Petersburg Academy of Science in 1827. In 1830-1831 he organized a scientific expedition to the Chinese border. In the year 1810 he worked together with S.T. Semmering of the Munich Academy of Science on the Electrolytic Telegraph, and 1812 he invented the galvanic mine. He was in touch with scientists and scholars all over Europe. His interest in natural science and Oriental learning united in him and contributed toward the development of the telegraph. In 1828-1830 he already invented the one-pointer telegraph and in 1832 his six-pointer telegraph was demonstrated in St.Petersburg. He also created a nonuniform alpha-

Card 1/2

On the Occasion of the 125 th Anniversary of the Public
Demonstration of P.L.Schilling's Telegraph.

105-8-14/20

bet for his first apparatus. Moreover he found out that the best
insulation is that of overhead lines suspended on insulators.
Some constructions of copper-zinc batteries were also made by him.
He died in 1837.
(4 illustrations and 6 Slavic references).

ASSOCIATION Not given

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AVAILABLE Library of Congress

Card 2/2

YAROTSKIY, Anatoliy Vasil'yevich; ISLANKINA, T.F., red.; ATROSHCHENKO,
L.Ye., tekhn.red.

[Electric signals; from the "Sunday lectures" of the Moscow Polytechnic Museum] Elektricheskiy signal; po materialam "Voskresnykh chtenii" Politekhnikheskogo muzeia v Moskva. Moskva, Izd-vo "Znanie," 1960. 45 p. (Vsesoiuznoe obshchestvo po rasprostraneniui politicheskikh i nauchnykh znani. Ser.4, Nauka i tekhnika, no.21). (MIRA 13:9)
(Signals and signaling) (Information theory)

YAROTSKY, A.V.

Founder of electromagnetic telegraphy; on the 125th
anniversary of P.L. Shilling's death. Elektrichestvo
no.9:82-88 3 '62. (MIRA 15:9)

(Telegraphy)
(Shilling, Pavel L'vovich, 1786-1836)

YAROTSKIY, Anatoliy Vasil'yevich; SHAMSHUR, V.I., red.;
BORUNOV, N.I., tekhn. red.

[Basic stages in the development of telegraphy; early
history of electronic control and code-pulse techniques]
Osnovnye etapy razvitiia telegrafii; zarozhdenie elektro-
avtomatiki i kodo-impul'skoi tekhniki. Moskva, Gosenergo-
izdat, 1963. 79 p. (MIRA 16:4)
(Telegraph)

YAROTSKIY, Anatoliy Vasil'yevich; BEL'KIND, L.D., prof., doktor tekhn.
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